pa1030: Box multiplication of linear binomials (v1)
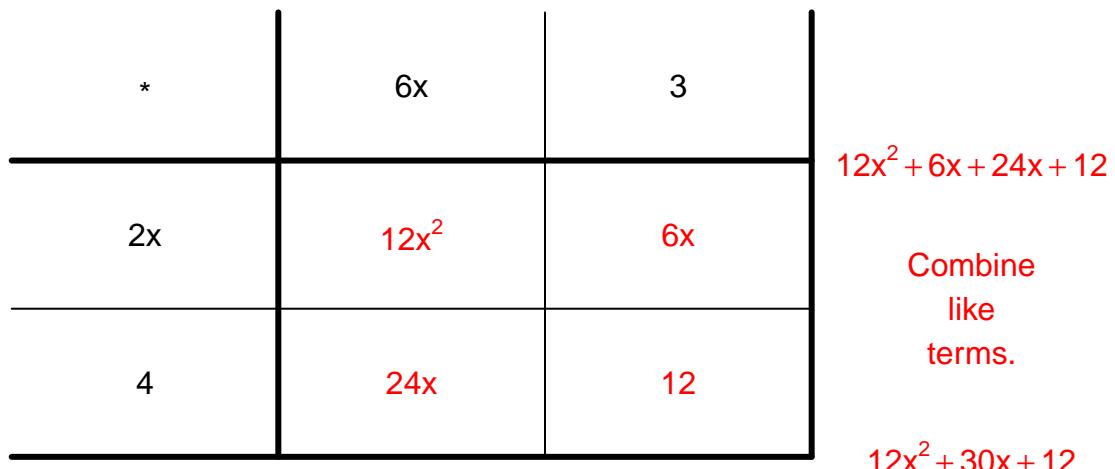
Example

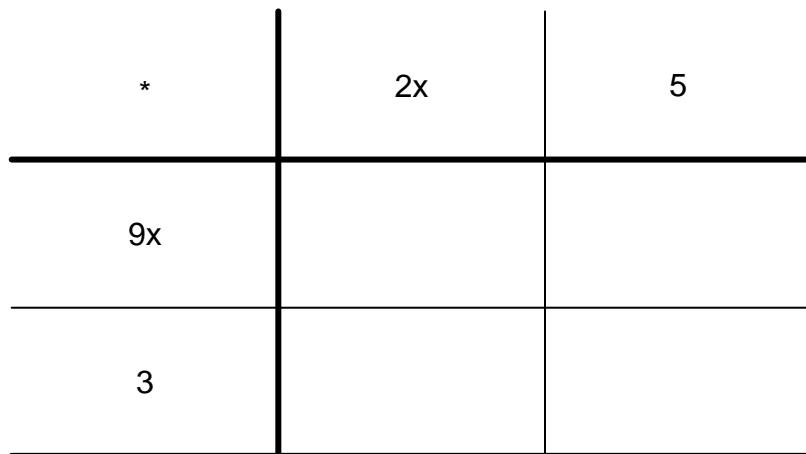Use the box method to multiply $(6x + 3)$ and $(2x + 4)$.

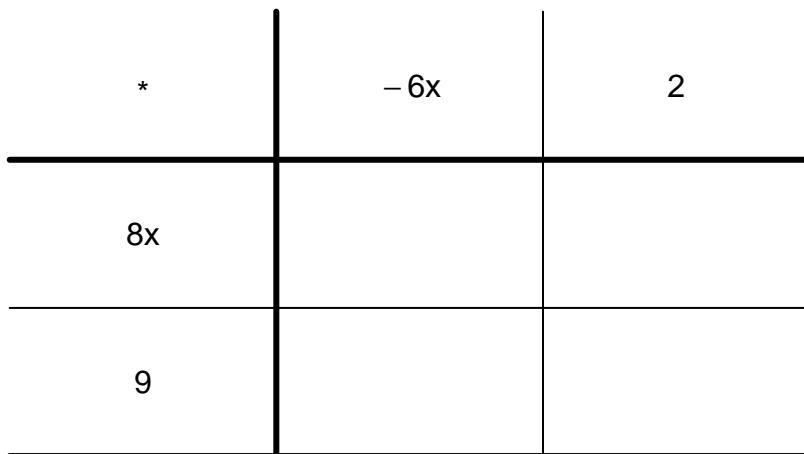| *	6x	3
2x	12x²	6x
4	24x	12

$12x^2 + 6x + 24x + 12$

Combine like terms.

$12x^2 + 30x + 12$

ANSWER: $12x^2 + 30x + 12$

Question 1

Use the box method to multiply $(2x + 5)$ and $(9x + 3)$.

*	2x	5
9x		
3		

ANSWER:

Question 2
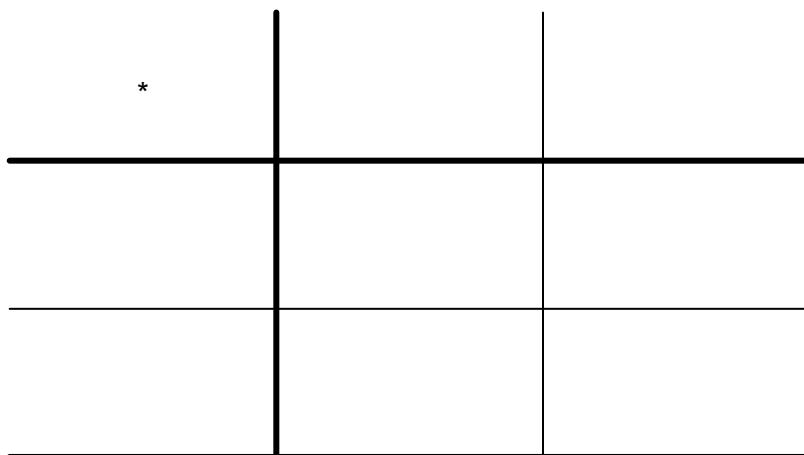
Use the box method to multiply $(-6x + 2)$ and $(8x + 9)$.

*	− 6x	2
8x		
9		

ANSWER:

Question 3

Use the box method to multiply $(-2x + 5)$ and $(9x + 8)$.

*		

ANSWER: